genome

AGATACAGCCATGACCGTAGCATGCTAACTGTGACGGCATTAC

reads TGACCGTAGCATGCT ①
       GACCGTAGCATGCTA ②

k-mers   **GCATGC** ① ②
          CATGCT ① ②
(k=6)   **ATGCTA** ②

next nucleotide